



U.S. Department of Commerce
BUREAU OF THE CENSUS

Titanium Mill Products, Ingot, and Castings

FOURTH QUARTER 1985

ITA991(85)-4
Issued March 1986

The statistics in this publication are based on a survey of manufactures and represent total U.S. shipments of titanium mill products, ingot, and castings. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information appears in the first quarter report for this series ITA991(85)-1, issued July 1985.

Table 1. NET SHIPMENTS OF TITANIUM MILL PRODUCTS

(Thousands of pounds)

Product description	Fourth quarter 1985	Third quarter 1985	Fourth quarter 1984
Net shipments ¹	9,590	10,340	11,546
Sheet and strip.....	(2)	(2)	(2)
Plate.....	(2)	(2)	(2)
Forging and extrusion billet.....	5,448	5,824	6,183
Rod and bar.....	1,472	1,650	1,602
Fastener stock and wire.....			
Extrusion.....	2,670	2,866	3,761
Pipe and tubing.....			
Other.....			

¹Net shipments is the sum of mill product shipments plus mill products consumed in the manufacture of fabricated products, less total receipts.

²Data for sheet and strip, plate, extrusion (other than tubing), pipe and tubing, and other have been combined to avoid disclosing individual company data.

Table 2. TITANIUM INGOT, MILL PRODUCTS, AND CASTINGS: 1985 AND 1984

(Thousands of pounds)

Quarter and year	Ingot					Mill products			Castings	
	Pro- duction	Con- sumption	Ship- ments	Receipts	Ending inventories	Pro- duction	Receipts	Net ship- ments ¹	Pro- duction	Ship- ments
1985										
Fourth quarter.....	15,101	15,976	3,306	3,674	8,525	12,337	2,410	9,590	587	238
Third quarter.....	16,368	16,966	2,690	3,427	8,618	10,382	1,857	10,340	585	214
Second quarter.....	18,107	18,706	4,026	4,524	8,644	13,668	1,711	12,119	480	187
First quarter.....	21,197	21,503	4,771	4,771	8,790	13,390	2,074	11,840	549	194
1984										
Total ²	82,602	81,728	14,634	15,791	(X)	49,610	6,688	44,802	1,695	535
Fourth quarter.....	20,881	21,005	2,712	3,672	9,052	14,171	2,167	11,546	475	152
Third quarter.....	19,549	18,630	4,512	4,653	8,216	12,216	1,529	11,420	450	142
Second quarter.....	21,287	20,973	4,698	3,576	7,212	12,112	1,820	10,947	384	126
First quarter.....	20,885	21,120	2,712	3,890	8,020	11,111	1,172	10,889	386	115

(X) Not applicable.

¹See footnote 1, table 1.

²Inventories for the year are those shown for the fourth quarter.

Table 3. QUANTITY OF NET SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF TITANIUM MILL PRODUCTS: 1985 AND 1984

(Thousands of pounds)

Quarter and year	Manufac- turers' net shipments	Exports of domestic merchandise ^{1 2}	Percent exports to manufac- turers' net shipments	Imports for consumption ^{1 3}	Apparent consump- tion ⁴	Percent imports to apparent consumption
FOURTH QUARTER 1985						
Total.....	12,895	1,897	15	710	11,708	6
Titanium ingot and forging and extrusion billet ^{5 6...}	8,754	942	11	74	7,886	1
Titanium mill products.....	4,141	955	23	636	3,822	17
THIRD QUARTER 1985						
Total.....	14,992	1,655	11	1,003	14,340	7
Titanium ingot and forging and extrusion billet ^{5 6...}	8,514	1,096	13	82	7,500	1
Titanium mill products.....	6,478	559	9	921	6,840	14
FOURTH QUARTER 1984						
Total.....	14,258	1,482	10	373	13,149	3
Titanium ingot and forging and extrusion billet ^{5 6...}	8,895	1,073	12	106	7,928	1
Titanium mill products.....	5,363	409	8	267	5,221	5

¹For a comparison of Standard Industrial Classification (SIC) codes, Schedule B export numbers, and TSUSA import numbers, see table 4 in the first quarter 1985 report, 1TA991(85)-1, issued July 1985.

²Source: Bureau of the Census report EM 546, U.S. Exports.

³Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.

⁴Apparent consumption is derived by subtracting exports from the total of net shipments plus imports.

⁵Comparability of output, export, and import classifications for ingot and billet assume that bloom, sheet bar, and slab are reported as ingot or billet in the output numbers. Figures for imports of ingot and billet also include powder, crystal, and similar forms which are excluded from the output and export numbers.

⁶The net shipments procedure as described in footnote 1 of table 1 does not apply to titanium ingot data. Gross shipments are used instead.

